

Fig. 1

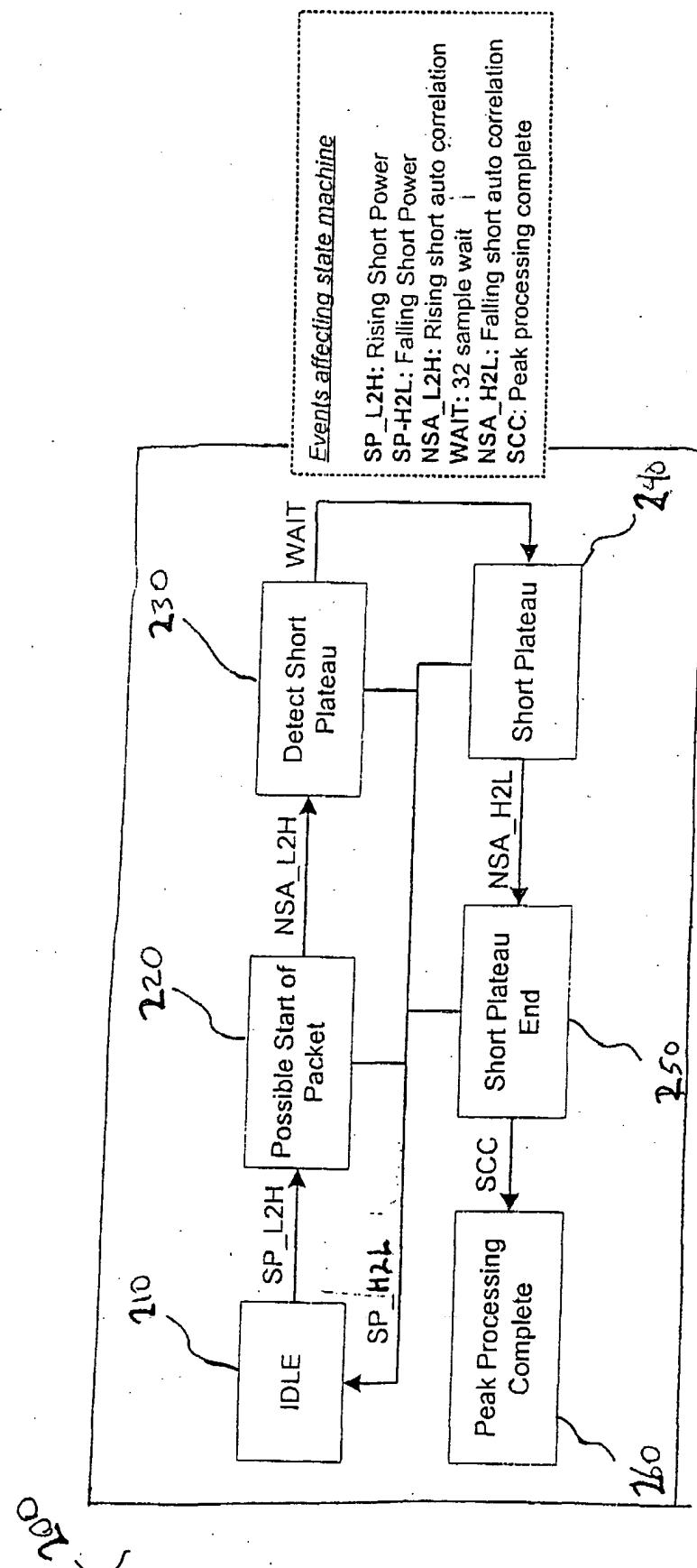


Fig. 2

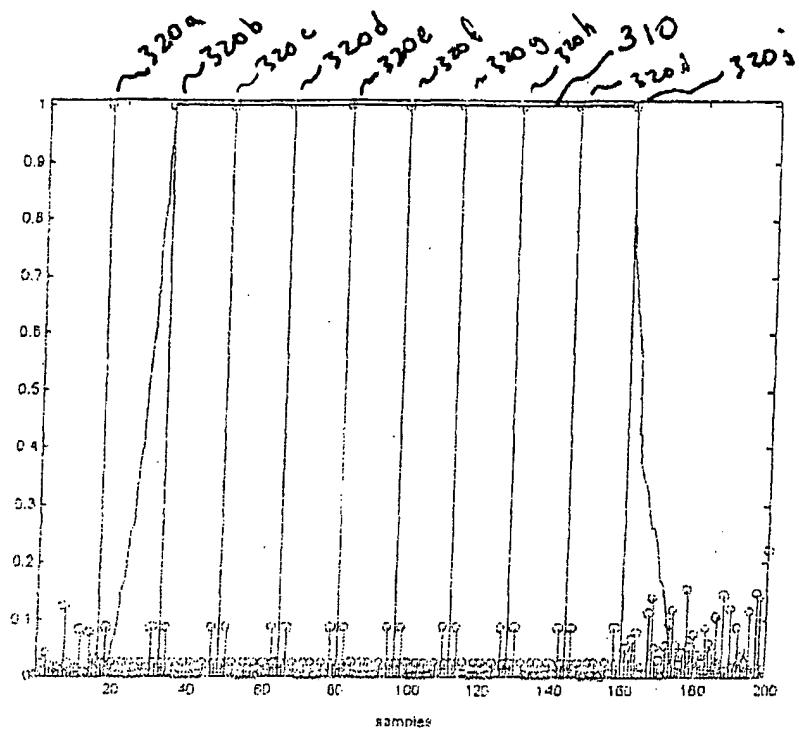


FIG. 3a Ideal correlation and matched filter outputs

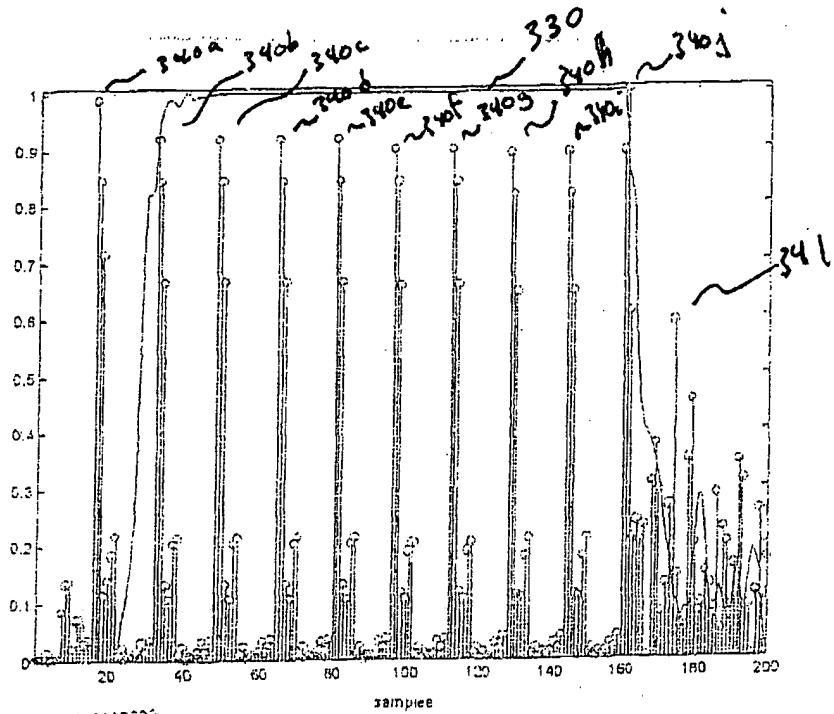


FIG. 3b No noise, 80ns RMS delay spread

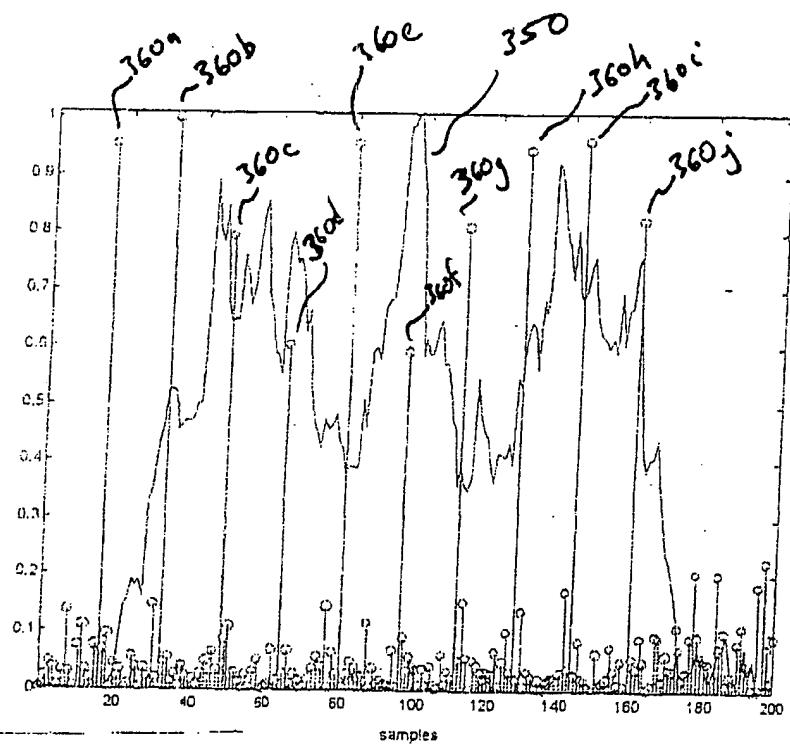


FIG. 3C No multi-path, 4dB SNR

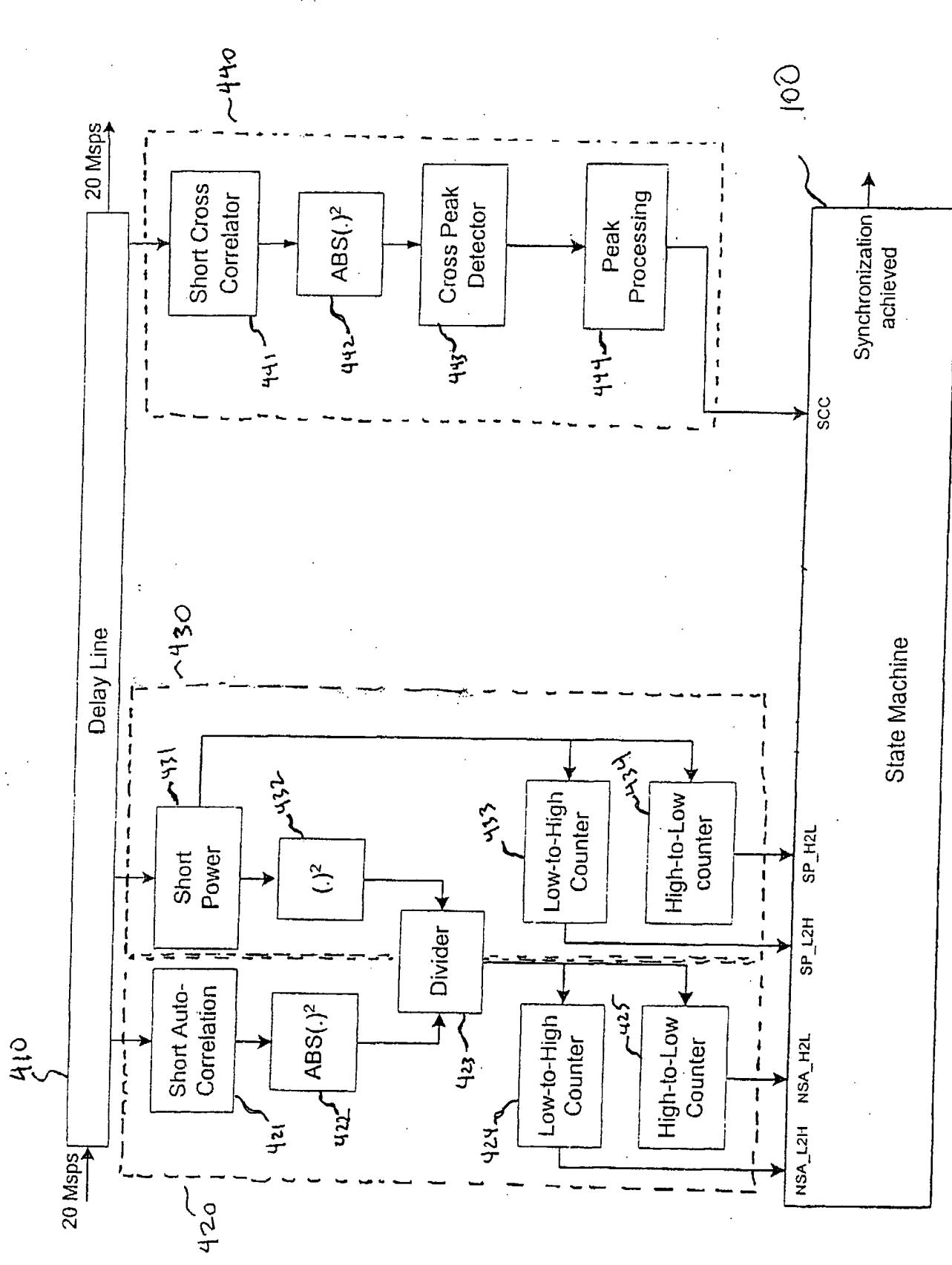


Fig. 4

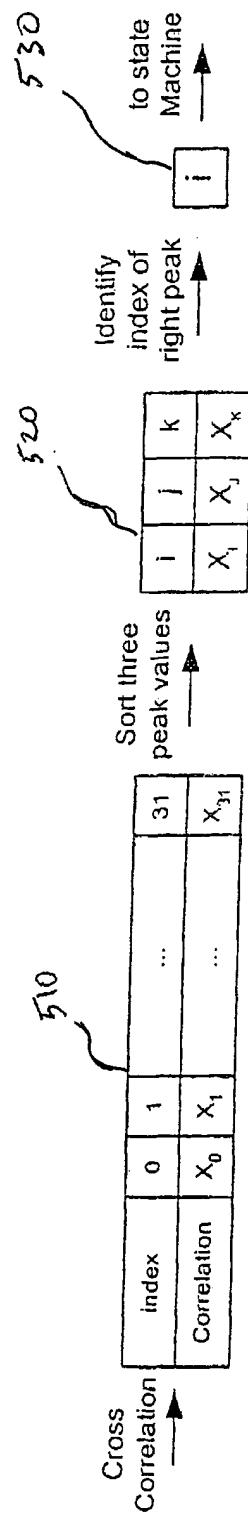


FIG. 5